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# KING & SPALDING, LLP

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## FAX TRANSMITTAL SHEET

May 2, 2005

TO: Examiner Ghulamali  
GAU 2637  
U.S. Serial No. 10/620,477

Company:

U.S. Patent and Trademark Office

Fax #: 703-872-9306

City/State:

Alexandria, VA 22313

Mail Stop Amendment  
Response to Non-Compliant  
Amendment

FROM: Steven P. Wigmore 5551 Our Ref. #: 07982.105018

NUMBER OF PAGES (including transmittal sheet): 11

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### Notes/Comments:

#### Documents Submitted Via Facsimile:

Applicant: Andrew Joo Kim et al.

Serial No.: 10/620,477

Filed: July 15, 2003

For: Adaptive Noise Filtering and Equalization for Optimal High Speed Multilevel Signal Decoding

Papers Faxcd: Amendment Transmittal in duplicate (2-pgs.); Response to Non-Compliant Amendment (8-pgs.).

## PATENTS

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of:

Andrew Joo Kim et al.

Serial No.: 10/620,477

Filed: July 15, 2003

For: Adaptive Noise Filtering and  
Equalization for Optimal High Speed  
Multilevel Signal Decoding

Docket No. 07982.105018

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MAY 02 2005

Art Unit 2637  
Examiner Q. Ghulamali

Confirmation No.: 8614

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 2, 2005

Sir:

Transmitted herewith are papers in the above-identified application.

- Response to Non-Compliant Amendment.  
 Applicant(s) claim small entity status. See 37 C.F.R. § 1.27.  
 The additional fee is calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
TOTAL	32	MINUS	32 =		x25	\$0	x50	\$
INDEP.	4	MINUS	4=		x100	\$0	x200	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					+180	\$	+360	\$
				TOTAL ADDITIONAL FEE	\$0			\$

- The Commissioner is hereby authorized to charge any additional fees required under 37 CFR § 1.16, or to credit any overpayment to Deposit Account No. 11-0980. A duplicate of this sheet is enclosed.

I hereby certify that this correspondence is being facsimile transmitted to Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Attn: Examiner Q. Ghulamali, GAU 2637, Facsimile No. (703) 872-9306 on May 2, 2005.

Steven P. Wigmore, Reg. No. 40,447

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By:   
Steven P. Wigmore, Reg. No. 40,447

**DUPLICATE**  
**PATENTS**  
**IN THE U.S. PATENT AND TRADEMARK OFFICE**

In re application of:

Docket No. 07982.105018

Andrew Joo Kim et al.

Serial No.: 10/620,477

Art Unit 2637

Filed: July 15, 2003

Examiner Q. Ghulamali

For: Adaptive Noise Filtering and  
Equalization for Optimal High Speed  
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Confirmation No.: 8614

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 2, 2005

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- Response to Non-Compliant Amendment.  
 Applicant(s) claim small entity status. See 37 C.F.R. § 1.27.  
 The additional fee is calculated as shown below:

				SMALL ENTITY	LARGE ENTITY		
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDT. FEE	RATE	ADDT. FEE
TOTAL	32	MINUS	32 =	x25	\$0	x50	\$
INDEP.	4	MINUS	4=	x100	\$0	x200	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS				+180	\$	+360	\$
				<b>TOTAL ADDITIONAL FEE</b>	<b>\$0</b>		

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By:

Steven P. Wigmore, Reg. No. 40,447

**DUPLICATE**

3752369 v1

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ) RECEIVED  
Andrew Joo Kim et al. ) CENTRAL FAX CENTER  
Serial No. 10/620,477 ) Art Unit: 2637 MAY 02 2005  
Filed: July 15, 2003 ) Confirmation No.: 8614  
For: Adaptive Noise Filtering and Equalization ) Examiner: Q. Ghulamali  
For Optimal High Speed Multilevel Signal )  
Decoding )

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**  
**MAILED ON APRIL 25, 2005**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 2, 2005

Sir:

This Response of May 2, 2005 is submitted in connection with the Notice of Non-Compliant Amendment Notice mailed on April 25, 2005.

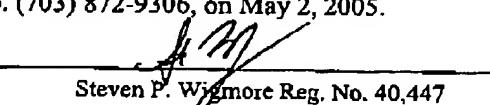
The April 25<sup>th</sup> Notice points out that the Applicants did not provide a proper claim status identifier for Claim 26 in the Rule 111 amendment filed on March 22, 2005 as required by 37 C.F.R. § 1.121. The Applicants have now provided the proper status identifier for this claim in this paper.

Amendments to the Claims are reflected in the listing of claims which begin on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

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Steven P. Wigmore Reg. No. 40,447